



KRAMER ELECTRONICS, LTD

GROUP 4

Composite to s-Video Decoder - Switcher

401Dxl

The Kramer 401Dxl is a high quality decoder/switcher designed to convert composite video into s-Video (YC) and switch between the converted composite input and an additional YC input to one output. It is an excellent compatibility solution for many applications, especially for presentation applications where two different formats are to be switched to one acceptor. The 401Dxl

has full compensation for YC delay, and comes with a 12V power supply. The optional VA-50P can power up to six Kramer devices requiring 12VDC.

The 401Dxl is part of the Kramer TOOLS family of compact, high quality and cost effective solutions for a variety of applications.



TECHNICAL SPECIFICATIONS

INPUTS:	1 composite video, 1 Vpp / 75 on a BNC, 1 s-Video on a 4P connector, Y: 1 Vpp / 75 , C: 0.3 Vpp / 75 .
OUTPUT:	1 s-Video on a 4P connector, Y: 1 Vpp / 75 , C: 0.3 Vpp / 75 .
CONTROLS:	Input selector switch.
VIDEO BANDWIDTH:	3.7 MHz. -3 dB (CV in - YC out); > 800 MHz. -3 dB (YC in - YC out).
NON LINEARITY:	0.5%.
CROSSTALK:	-56 dB @ 5 MHz.
COUPLING:	AC (CV to YC); DC (YC to YC)
DIFF. GAIN:	0.9%.
DIFF. PHASE:	0.5 Deg.
K-FACTOR:	2.1% (CV to YC).
LUMA S/N RATIO:	69 dB.
MAXIMAL INPUT:	1.4 Vpp / 75 , composite; > 4 Vpp / 75 YC.
DIMENSIONS:	12cm x 7.5cm x 2.5 cm, (4.7" x 2.95" x 0.98"), W, D, H.
WEIGHT:	0.3 kg. (0.56 lbs.) approx.
POWER SOURCE:	12VDC, 90 mA.
OPTIONS:	19" rack adapter RK-T1, RK-T3 (see pages 6.24, 6.25 for details).
ACCESSORIES:	Power supply, mounting bracket.

TYPICAL APPLICATIONS

- Video production and duplication studios.
- Professional presentation and display systems.
- Teleconference systems.
- Any requirement for simple composite to s-Video conversion and source selection.